

2004 NASA-C3P INTERNATIONAL P2 WORKSHOP AGENDA

Radisson Resort at the Port, Cape Canaveral, FL

TIME	EVENT TITLE TRACK 1	TRACK 2	P2 TOURS	
	Wednesday, September 22			
7:30 am – 4:00 pm	Registration/ Information Desk			
8:00 am – 9:00 am	Continental Breakfast (Radisson Convention Center, Salon II)			
9:00 am – 9:15 am	Session 1A (Location: Salon II)– General Session: Partnering for Success Welcome and Overview of NASA AP2 - Christina Brown, NASA Kennedy Space Center			
9:15 am – 9:30 am	Guest speaker – Jim Heald, NASA Kennedy Space Center			
9:30 am – 9:45 am	Guest speaker - Olga Dominguez, NASA Headquarters			
9:45 am – 10:00 am	C3P Welcome - P.C. Branco, Centro Para a Prevenção da Poluição (C3P)			
10:00 am – 10:20 am	Break			
10:20 am – 10:40 am	Session 1B (Location: Salon II) – Preliminary Report-out: JCAA/JG-PP Lead-Free Solder Project (Chairman: Kurt Kessel) Lessons Learned; JCAA/JG-PP Project-Lead-Free Solder Test Board Assembly – Ana L. Campuzano-Contreras, BAE Systems	Session 2B (Location: Salon I) – The Portuguese Center for Pollution Prevention (Chairman: Kevin Andrews) Portugal P2 Successes & Challenges – P.C. Branco, Centro Para a Prevenção da Poluição (C3P)		
10:40 am – 11:00 am		TAP-OGMA; Pollution Prevention Through Partnership – Joana Vide, Centro Para a Prevenção da Poluição (C3P)		
11:00 am – 11:20 am	Thermal Cycle Testing – Dave Hillman, Rockwell Collins	Pollution Prevention Activities at INEGI - Prof. F. J. Lino Alves, INEGI		
11:20 am – 11:40 am	Mechanical Shock, Humidity, Salt Fog and Lead-Residue Testing – Lee Whiteman, ACI	TAP Environmental Defense Processing - An Exploration of History, Challenges, Successes, and Future – Eng. Ana Ricardo, Eng Ana Matos, TAP Air Portugal		
11:40 am – 12:00 pm	Vibration, Thermal Shock, and Thermal Cycle Testing – Dr. Tom Woodrow, Boeing Phantom Works	Open Discussion / Q & A wrap-up for Session 2B		
12:00 pm – 1:15 pm	Lunch (on own) Buffet available at the Radisson Resort			
1:15 pm – 1:30 pm	Session 1B Continued (Location: Salon II) – Preliminary Report-out: JCAA/JG-PP Lead-Free Solder Project (Chairman: Kurt Kessel)	Session 2C (Location: Salon I) – Common Air Force- NASA Pollution Prevention Needs (Chairman: Kevin Andrews) The Use of Non-Chrome Pretreatments at Hill AFB – Richard Buchi, Hill AFB		
1:30 pm – 1:45 pm	Combined Environments Test – Jeff Bradford, Raytheon	A Review of Air Force Space Command's Effort to Maintain and Preserve Assets in an Environmentally Conscious Manner – Richard Bliss, U.S. Air Force		
1:45 pm – 2:00 pm	Session 1D (Location: Salon II) – Moving Toward Lead-Free Solder (Chairman: Kurt Kessel)	An Introduction to Metallization; Technology, Process and Capabilities - Dave Wixson, Thermion		
2:00 pm – 2:15 pm	Lead-Free Manufacturing – Lee Whiteman, ACI		Tour Option #1 p (Organizer: Kevin Andrews)	Tour Option #2 p (Organizer: Matthew Rothgeb)
2:15 pm – 2:45 pm	Lead-Free Solder Reliability – Dr. Reza Ghaffarian, NASA Jet Propulsion Laboratory		Metallization Technology Demonstration	KSC Solvent Substitution P2 Tour
2:45 pm – 3:15 pm	CALCE Lead-Free Efforts – Mike Osterman, CALCE		- Complex 18 Cape Canaveral AFS including Metallized Antenna Tours	- Hydrolase stripping SRBs (Hangar AF)
3:15 pm – 3:30 pm	Snack Break		1. 1.16 Radar - CCAFS	- Environmentally friendly precision cleaning (Cleaning Shop)
3:30 pm – 4:00 pm	NEMI Lead-Free Efforts – Mark Kwoka, Intersil		2. 19.39 MOTR Radar - KSC	
4:00 pm – 4:30 pm	The Introduction of Lead Free Soldering in the Portuguese Electrical and Electronic Industries-overview status – E.Dias Lopes; M.Margarida Pinto, ISQ		3. TAA-3 Telemetry Antenna - KSC / Tel-4	Meet at entrance of Convention Center at 2:00 pm
4:30 pm – 5:00 pm	The RoHS Directive and the Role of SME's in the Electrical and Electronic Industry in Europe - E.Dias Lopes; M.Margarida Pinto, ISQ		Meet at entrance of Convention Center at 2:00 pm	**Note** tour will last from 2:00 pm – 5:40 pm
5:00 pm – 5:30 pm	Path to Lead-Free Solder Implementation – Brian Greene, ITB, Inc.		**Note** tour will last from 2:00 pm – 5:20 pm	
5:30 pm – 6:00 pm	Open Discussion / Q & A wrap-up for Sessions 1B and 1D			
6:00 pm – 7:30 pm	Welcome Reception (Radisson Pavilion)			

u = speaker and/or presentation title not confirmed

p = pending NASA approval; pre-registration for tours required

2004 NASA-C3P INTERNATIONAL P2 WORKSHOP AGENDA

Radisson Resort at the Port, Cape Canaveral, FL

TIME	EVENT TITLE TRACK 1	TRACK 2	P2 TOURS	
	Thursday, September 23			
7:30 am – 1:00 pm	Registration/ Information Desk			
7:30 am – 8:30 am	Continental Breakfast (Radisson Convention Center, Salon II)			
8:30 am – 8:45 am	Session 1E (Location: Salon II)– Sustainable P2 Management and Operations (Chairman: Kevin Andrews) Open Discussion	Session 2E (Location: Salon I) – Reducing VOCs, Ozone Depleting Substances and Other HazMats (Chairman: Matthew Rothgeb) Implementation of HFE-7100/ Vertrel MCA for Precision Cleaning at NASA KSC – Steve Williamson, Wiltech		
8:45 am – 9:15 am	Total Corrosion Control Using Fluid Thin Film Coating Technology – Jim Van Gilder, Corrosion Technologies Corporation	Implementation of Chrome Free Coating System on Shuttle SRBs – David Eckols, United Space Alliance		
9:15 am – 9:45 am	D45-AMS Coatings - A Revolutionary, Environmentally Friendly Technology - Dr Erol Özensoy, Kimetsan Chem.Ind.Ltd/ Kimetsan Aerospace Coating UK Ltd	Laser Applications for Maintenance and Sustainment Solutions - Jim Arthur, Concurrent Technologies Corp.		
9:45 am – 10:00 am	PreKote – An Approved Environmentally Friendly Treatment for Aluminum in Aerospace Applications – David Palermo, Pantheon Chemical	Removal of VOC's from Airstreams Using Membrane Technology - Dr. Kamalesh Sirkar, NJIT		
10:00 am – 10:20 am	Break			
10:20 am – 10:40 am	Session 1F(Location: Salon I) – Corrosion Control & Pollution Prevention (Chairman: Matthew Rothgeb) Aqueous Jet Waterless Cleaning and Corrosion Control – Max Friedheim, PDQ Precision, Inc.	Session 2F (Location: Salon II) – Coating Technology Update (Chairman: Kevin Andrews) Alodine 5200; A Proven Alternative to Hexavalent Chrome Conversion Coatings – Ray Whitke, Henkel		
10:40 am – 11:00 am	Space Shuttle Operations; P2 Successes & Challenges – Bob Rauch, United Space Alliance	Open Discussion		
11:00 am – 11:30 am	P2 Through Innovation - Prof. F. Lino Alves or Prof. António Ferreira, INEGI	An Update on the AFRL Projects Regarding Rust Converters and Paint Strippers – Lt. Lauren Wallace or designate, U.S. Air Force		
11:30 am – 11:50 am	Open Discussion / Q & A wrap-up for Sessions 1F	NASA AP2/AFSPC Joint Projects; Low Emission Depainting Technologies & Isocyanate Urethane Replacement - Susan Davis, KSC Corrosion Testbed		
11:50 am – 1:00 pm	Lunch (on own) Buffet available at the Radisson Resort			
1:00 pm – 5:40 pm			Tour Option #3 ^p (Organizer: Kurt Kessel) KSC Coating & Depainting P2 Tour - Plastic bead blasting (SGS Corrosion Control Facility) - Convergent spray & SRB paint system (ARF) - Corrosion test site (KSC beach) Meet at entrance of Convention Center at 1:00 pm **Note** tour will last from 1:00 pm – 5:40 pm	Tour Option #4 (Organizer: Katherine Torres) Visit to Saturn V (KSC) which includes a movie “Space Station 3D” Meet at entrance of Convention Center at 1:00 pm *No admission fee

u = speaker and/or presentation title not confirmed

p = pending NASA approval; pre-registration for tours required